AMENDMENTS TO THE CLAIMS:

1.   (Original) A data transferring apparatus for transferring transfer packets each including

one or more transfer data as objectives of transfer from a first apparatus to a second apparatus,

said each transfer data including commands indicating processes against a preliminarily assigned

area, said first apparatus including:

a scheduler for merging a plurality of said transfer data meeting a certain requirement;

and

a communication controller for generating transfer packets each including at least one

of one or more said transfer data whose amount is within a certain predetermined range and

one or more said merged transfer data,

said communication controller transferring said generated transfer packets to said

second apparatus.

2.   (Original) A data transferring apparatus for transferring transfer packets each including

one or more transfer data as objectives of transfer from a first apparatus to a second apparatus,

said each transfer data including commands indicating processes against a preliminarily

assigned area, said first apparatus including:

means for merging a plurality of said transfer data meeting a certain requirement;

means for generating transfer packets each including at least one of one or more said

transfer data whose amount is within a certain predetermined range and one or more said

merged transfer data; and

means for transferring said generated transfer packets to said second apparatus.

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3.   (Original) The apparatus of claim 2, wherein said means for merging comprises a

scheduler for judging whether an offset can be performed by merging an increment of data

volume caused by a change of drawing commands.

4.   (Original) The apparatus of claim 3, wherein if said scheduler judges that said offset is

possible, then said scheduler changes the drawing commands.

5.   (Original) The apparatus of claim 3, wherein said means for generating comprises a

communication controller which generates said transfer packets which contain merged drawing

commands which are more than a predetermined data volume in quantity.

6.   (Original) The apparatus of claim 2, wherein said first apparatus comprises a computer

and said second apparatus comprises a display apparatus.

7.   (Original) A data transferring method for transferring transfer packets each including

one or more transfer data as objectives of transfer from a first apparatus to a second apparatus,

said each transfer data including commands indicating processes against a preliminarily

assigned area, and said first apparatus being capable of:

        merging a plurality of said transfer data meeting a certain requirement;

        generating transfer packets each including at least one of one or more said transfer data

whose amount is within a certain predetermined range and one or more said merged transfer

data; and

transferring said generated transfer packets to said second apparatus.

8.　　(Original) The method of claim 7, wherein said merging comprises judging whether an offset can be performed by merging an increment of data volume caused by a change of drawing commands.

9.　　(Original) The method of claim 8, wherein if said judging judges that said offset is possible, then the drawing commands are changed.

10.　　(Original) The method of claim 7, wherein said first apparatus comprises a computer and said second apparatus comprises a display apparatus.

11.　　(Previously presented) A medium for mediating a program for transferring transfer packets each including one or more transfer data as objectives of transfer from a first apparatus to a second apparatus, said each transfer data including commands indicating processes against a preliminarily assigned area, and said first apparatus being capable of making a computer execute:

merging a plurality of said transfer data meeting a certain requirement;

generating transfer packets each including at least one of one or more said transfer data whose amount is within a certain predetermined range and one or more said merged transfer data; and

transferring said generated transfer packets to said second apparatus.

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12.   (Original) The medium of claim 11, wherein said merging comprises judging whether an offset can be performed by merging an increment of data volume caused by a change of drawing commands.

13.   (Original) The medium of claim 12, wherein if said judging judges that said offset is possible, then the drawing commands are changed.

14.   (Original) The medium of claim 12, wherein said first apparatus comprises a computer and said second apparatus comprises a display apparatus.

15.   (Previously presented) The apparatus of claim 1, wherein said scheduler generates a plurality of drawing instructions to be transferred from said first apparatus to said second apparatus by combining an effect of a plurality of drawing instructions which affect a same area in a predetermined short period of time on a frame buffer.

16.   (Previously presented) The apparatus of claim 2, wherein said means for merging generates a plurality of drawing instructions to be transferred from said first apparatus to said second apparatus by combining an effect of a plurality of drawing instructions which affect a same area in a predetermined short period of time on a frame buffer.

17.   (Previously presented) The method of claim 7, wherein said merging further comprises

generating a plurality of drawing instructions to be transferred from said first apparatus to said

second apparatus by combining an effect of a plurality of drawing instructions which affect a

same area in a predetermined short period of time on a frame buffer.

18.   (Previously presented) The apparatus of claim 1, wherein said communication

controller transfers only updated areas on a frame memory in a form of drawing commands to

said second apparatus.

19.   (Previously presented) The apparatus of claim 2, wherein said means for transferring

transfers only updated areas on a frame memory in a form of drawing commands to said

second apparatus.

20.   (Previously presented) The method of claim 7, wherein said transferring comprises

transferring only updated areas on a frame memory in a form of drawing commands to said

second apparatus.

21.   (Previously presented) The apparatus of claim 2, wherein said first apparatus includes a

first drawing engine and said second apparatus includes a second drawing engine.

22.   (Previously presented) The apparatus of claim 2, wherein said first apparatus and said

second apparatus include redundant drawing engines.

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23.   (Previously presented) The apparatus of claim 2, wherein said first apparatus comprises

a computer including a first drawing engine, and

wherein said second apparatus comprises a display apparatus including a second

drawing engine.

24.   (Previously presented) The apparatus of claim 21, wherein said first drawing engine and

said second drawing engine each include a dedicated frame memory unit.

25.   (Previously presented) The apparatus of claim 21, wherein said first drawing engine and

said second drawing engine generate identical images including a different timing due to a data

transfer delay from said first apparatus to said second apparatus.